

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	fabric with joint with bubble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 13:06
L3	6	fabric with joint with air with gap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 14:16
L4	121	(void same (sensor or monitor or detector)) and (fabric and joint) and (heat and pressure) and (control and (value or number))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 14:11
L5	2	(void with (sensor or monitor or detector)) and (fabric and joint) and (heat and pressure) and (control and (value or number))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 14:12
L6	2	(void with (sensor or monitor or detector)) and (fabric and joint) and (heat and pressure) and (control or controller or computer or CPU)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 14:13
L7	10	(bubble with (sensor or monitor or detector)) and (fabric and joint) and (heat and pressure) and (control or controller or computer or CPU)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 14:13
L12	1	cloth with joint with air with gap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 14:17
L13	6	cloth with joint with void	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 14:17

## EAST Search History

S15 7	0	(156/358.ccls. or 156/359.ccls. or 156/360.ccls.) and (fabric) and (heat and pressure) and (optimal near10 (value or number))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S15 8	1507	(156/64).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:56
S15 9	437	(156/358).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:56
S16 0	540	(156/359).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:56
S16 1	282	(156/360).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:56
S16 2	826	(156/378).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:56
S16 3	243	(156/379).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:56
S16 4	600	charles.in. with howard.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56

## EAST Search History

S16 5	1507	(156/64).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:56
S16 6	437	(156/358).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:56
S16 7	540	(156/359).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:56
S16 8	282	(156/360).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:56
S16 9	826	(156/378).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:56
S17 0	243	(156/379).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:56
S17 1	407	(aramid or vectran) and thermoplastic and (thickness with (optimal or control))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:59
S17 2	0	156/64.ccls. and (optimal with thickness) and (fabric with joint)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56

## EAST Search History

S17 3	0	156/64.ccls. and (optimal with thickness) and (fabric with quality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S17 4	0	156/64.ccls. and (optimal with thickness) and (joint with quality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S17 5	0	156/64.ccls. and (control with thickness) and (fabric with joint)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S17 6	0	(thickness with control) and (fabric with joint) and (hull with component)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S17 7	0	(thickness with control) and (fabric with joint) and (tarp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S17 8	0	(thickness with controlling) and (fabric with joint) and (tarp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S17 9	0	(thickness with controlling) and (textile with joint) and (tarp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S18 1	1	(void same (sensor or monitor or detector)) and (textile and joint) and (heat and pressure) and (control and (value or number))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56

## EAST Search History

S18 2	1	(hull with portion) and (fabric with joint) and (heat with pressure) and (tape or adhesive) and (TPU or urethane or polyurethane or isocyanate or silane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S18 3	1	(aramid or vectran) and thermoplastic and (thickness with (optimal or control)) and (blimp or airship or dirigible)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S18 4	1	(thickness with control) and (fabric with joint) and (hull with section)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S18 5	5	("156"/\$.ccls.) and (fabric and aircraft) and (heat and pressure) and (optimal near10 (value or number))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S18 6	18	("156"/\$.ccls.) and (fabric and composite) and (heat and pressure) and (optimal near10 (value or number))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S18 7	23	("156"/\$.ccls.) and (fiber and composite) and (heat and pressure) and (optimal near10 (value or number))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S18 8	3	(156/358.ccls. or 156/359.ccls. or 156/360.ccls.) and (fabric) and (heat and pressure) and (calculat\$4 near10 (value or number))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56

## EAST Search History

S18 9	20	(("6,720,277") or ("6,693,052") or ("6,668,868") or ("6,548,430") or ("6,543,055") or ("6,266,818") or ("5,976,996") or ("5,837,623") or ("5,565,264") or ("20030111128") or ("20030091785") or ("20020124904") or ("20020122927") or ("20020111099") or ("20020106956") or ("20030104576") or ("20020074068") or ("20020016118") or ("20010029621") or ("20010002351")).PN.	US-PGPUB; USPAT	OR	OFF	2006/09/26 10:56
S19 0	23	"156"/\$.cccls. and (fabric with joint) and (heat with pressure) and (tape or adhesive) and (TPU or urethane or polyurethane or isocyanate or silane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S19 1	5	((body with armor) or (airship)) and (fabric with joint) and (heat with pressure) and (tape or adhesive) and (TPU or urethane or polyurethane or isocyanate or silane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S19 2	3	((body with armor) or (airship)) and (fabric with joint) and (heat with pressure) and (tape or adhesive) and (aramid or vectran)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S19 3	5	(S165 S166 S167 S168 S169 S170) and (fabric or cloth) and (heat and pressure) and (aramid or vectran)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S19 4	71	charles.in. near2 howland.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S19 5	2	puncture with fabric and thermoplastic and (thickness with (optimal or control))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56

## EAST Search History

S19 6	48	(aramid or vectran) and thermoplastic and (thickness with (optimal or control)) and ("156"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S19 7	62	(aramid or vectran) and (thermoplastic with resin) and (fiber with ratio) and (thickness with (optimal or control))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S19 8	31	(saturate or saturating) and (fabric with layer) and (adhesive with film) and (heat with pressure) and (urethane or cyanate or silane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S19 9	16	"156"/\$.ccls. and (control with thickness) and (fabric with joint)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S20 0	2	"156"/\$.ccls. and (thickness) and (fabric with joint) and (blimp or airship or dirigible)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S20 1	2	(thickness with control) and (fabric with joint) and (blimp or airship or dirigible)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S20 2	51	(density same (sensor or monitor or detector)) and (fabric and aircraft) and (heat and pressure) and (control and (value or number))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S20 3	88	(thickness same (sensor or monitor or detector)) and (fabric and aircraft) and (heat and pressure) and (control and (value or number))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56

## EAST Search History

S20 4	8	(thickness with control) and (fabric with joint) and (thermoplastic with resin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S20 5	22	(thickness with control) and (fabric with joint) and (urethane or cyanate or silane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S20 6	2	(thickness with controlling) and (textile with joint)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S20 7	12	(void same (sensor or monitor or detector)) and (fabric and aircraft) and (heat and pressure) and (control and (value or number))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S20 8	198	urethane and isocyanate and fabric and thermoplastic and (thickness with (optimal or control))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 11:39
S20 9	143	(thickness with controlling) and (fabric with layer) and (adhesive with film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S21 0	147	(156/304.4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:56
S21 1	207	(S158 S159 S160 S161 S162 S163) and (fabric or cloth) and (heat and pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56



## EAST Search History

S21 2	251	("156"/\$.ccls.) and (fabric and aircraft) and (heat and pressure) and (control and (value or number))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S21 3	282	(156/360).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:56
S21 4	243	(156/379).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:56
S21 5	437	(156/358).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:56
S21 6	540	(156/359).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:56
S21 7	654	(156/304.3).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:56
S21 8	826	(156/378).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:56
S21 9	1507	(156/64).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:56

## EAST Search History

S22 0	82	(thickness with initial with measur\$4) and (fabric with layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S22 1	26	(thickness with initial with measur\$4) and (fabric with adhesive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S22 2	5	(thickness with fabric with measur\$4) and (joint with adhesive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S22 3	3	(density with fabric with measur\$4) and (joint with adhesive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S22 4	92	(thickness with measur\$4) and (joint with adhesive) and (fabric with layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:56
S22 5	1	fabric.clm. and (layer.clm. or layers. clm.) and adhesive.clm. and heat. clm. and pressure.clm. and joint. clm. and quality.clm. and voids.clm. and parameter.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 11:01
S22 6	31	("2060906"   "3530027"   "3775222"   "3804697"   "3951050"   "3962016"   "4070222"   "4379114"   "4435457"   "4447288"   "4655870"   "4769102"   "4834827"   "4855004"   "4872941"   "4909870"   "4950352"   "5320698"   "5466326"   "5472755"   "5616199"   "5816019"   "5853511"   "6053230"   "6129809").PN. OR ("6471803"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 11:35

## EAST Search History

S22 7	23	fabric with joint with void	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 11:45
----------	----	-----------------------------	---	----	----	------------------